

Inventory of radioactive waste (2021)

Research center (NCSR-D)

	Interim Storage		GRR1		Expected RW after decommissioning GRR1		Total NCSR-D	
	m ³	MBq	m ³	MBq	m ³	MBq	m ³	MBq
VLLW	12,8	26			14,44	*	27,24	26
LLW	8	245	0,02	0,3	0,46	*	8,48	245,3
ILW	0,01	100000 ^c			0,92	700000 ^b	0,93	^b
Legacy (objects in 100 drums)	20	1000 ^c					20	1000
Legacy (objects in 50 drums)			10	1000 ^c			10	1000
Legacy (cemented sludge in 50 drums)	10	50 ^c					10	50
VLLW (Liquid-Sludges)			26	570	0,6	*	26,6	570
Graphite Waste					5,6	*	5,6	*
Contaminated Soil with Pu	0,3	*					0,3	*
Contaminated plates with Pu			0,01	*			0,01	*
Contaminated objects (maintenance, house-keeping)			1	50 ^c			1	50
Consumer Products (lightning rods)	0,4	8000 ^d					0,4	8000
Consumer Products (smoke detectors)	0,2	405 ^d					0,2	405
Consumer Products (Vehicle Instr., Lamps, depU blocks)	0,5	500 ^d					0,5	500
TOTAL NCSR	52,21	10226	37,03	1620,3	22,02		111,26	11846,3

Notes:

* to be defined

^b coarse estimate of significant uncertainty - decommissioning plan under development

^c based on external dose surveys - characterization pending

^d assuming typical item activities - registration in progress

Facilities

	m³	MBq
Contaminated Ash	75	<10000
Objects contaminated with NORM	100	<2500
Consumer Products (lightning rods) #1	1,6	27000
Consumer Products (lightning rods) #2	0,3	1300
Consumer Products (Vehicle Instr., Lamps)	1	500

Disused sources DSRS

	Interim storage of NCSR-D	Facilities
	Number of DSRS	
Category1		3
Category2	1	1
Category3	56	4
Category4	15	57
Category5	312	210
TOTAL	384	275